AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled)

1   **Claim 2 (currently amended):** A transmission line

2 coding method ~~according to claim 1,~~ of performing

3 transmission line coding per transmission frame having a

4 plurality of compressed frame data, comprising the steps

5 of:

6   grouping bits of said compressed frame data into

7 plural classes according to a degree of degradation of

8 decoding quality in the presence of a transmission error;

9 and

10   performing different transmission line coding for each

11 class,

12   wherein the bits of said compressed frame data are

13 grouped into at least three classes involving first class,

14 second class of which the degree of degradation of the

15 decoding quality is smaller than that of the first class

16 and third class of which the degree of degradation of the

17 decoding quality is smaller than that of the second class,

18 and

19   wherein first process "convolution coding and addition

20 of CRC check codes" is performed for bits classified as the

21 first class, second process "convolution coding only" is

22 performed for bits classified as the second class, and

23 third process "no coding" is performed for bits classified

24 as the third class.

Claim 3 (canceled)

1 **Claim 4 (currently amended):** A transmission line

2 coding method according to claim [[1]]2,

3 wherein said plurality of compressed frame data is

4 audio compressed frame data, which is split into two to six

5 sub-bands, compressed by way of a sub-band ADPCM mode.

1 **Claim 5 (currently amended):** A transmission line

2 decoding method, comprising the steps of:

3 performing different transmission line decoding for

4 transmission frames, which are encoded by way of the

5 transmission line coding method according to claim [[1]]2

6 in each of plural classes grouped in descending order of

7 the degree of degradation of decoding quality in the

8 presence of a transmission error; and

9 subsequently canceling the grouping to restore

10 original information.

1 **Claim 6 (currently amended):** A transmission line

2 decoding method, comprising the steps of:

3   performing ~~forth~~ fourth process "Viterbi decoding and

4   CRC check process" for bits classified as first class,

5   performing fifth process "Viterbi decoding only" for bits

6   classified as second class of which a degree of degradation

7   of decoding quality is smaller that that of the first

8   class, and performing sixth process "no decoding" for bits

9   classified as third class of which the degree of

10   degradation of the decoding quality is smaller than that of

11   the second class, wherein each bits are encoded by way of

12   the transmission line coding method according to claim 2;

13   and

14   subsequently canceling the grouping to restore

15   original information.

1   **Claim 7 (original):** A transmission line decoding

2   method of performing process for transmission frames

3   encoded with a transmission line coding method according to

4   claim 4 in each of audio compressed frame data compressed

5   by way of a sub-band ADPCM mode, comprising the step of:

6   halting application process of a scale factor of ADPCM

7   decoding per sub-band in the presence of a transmission

8   error in said audio compressed frame data.

Claims 8-11 (canceled)

1   **Claim 12 (currently amended):** A transmitter of a

2   digital wireless microphone system comprising means for

3   executing the transmission line coding method ~~according to~~

4   ~~claim 1~~of performing transmission line coding per

5   transmission frame having a plurality of compressed frame

6   data, comprising the steps of:

7   grouping bits of said compressed frame data into

8   plural classes according to a degree of degradation of

9   decoding quality in the presence of a transmission error;

10   and

11   performing different transmission line coding for each

12   class,

13   wherein the bits of said compressed frame data are

14   grouped into at least three classes involving first class,

15   second class of which the degree of degradation of the

16   decoding quality is smaller than that of the first class

17   and third class of which the degree of degradation of the

18   decoding quality is smaller than that of the second class,

19   and

20   wherein first process "convolution coding and addition

21   of CRC check codes" is performed for bits classified as the

22   first class, second process "convolution coding only" is

23   performed for bits classified as the second class, and

24   third process "no coding" is performed for bits classified

25   as the third class.

1   **Claim 13 (currently amended):** A receiver of a digital

2   wireless microphone system comprising means for executing

3   [[the]]a transmission line decoding method ~~according to~~

4   ~~claim 5,~~ comprising the steps of:

5   performing different transmission line decoding for

6   transmission frames in each of plural classes grouped in

7   descending order of the degree of degradation of decoding

8   quality in the presence of a transmission error; and

9   subsequently canceling the grouping to restore

10   original information,

11   wherein the transmission frames are encoded by way of

12   a transmission line coding method of performing

13   transmission line coding per transmission frame having a

14   plurality of compressed frame data, comprising the steps

15   of:

16   grouping bits of said compressed frame data into

17   plural classes according to a degree of degradation of

18   decoding quality in the presence of a transmission error;

19   and

20   performing different transmission line coding for each

21   class,

22   wherein the bits of said compressed frame data are

23   grouped into at least three classes involving first class,

24   second class of which the degree of degradation of the

25   decoding quality is smaller than that of the first class

26   and third class of which the degree of degradation of the

27   decoding quality is smaller than that of the second class,

28   and

29   wherein first process "convolution coding and addition

30   of CRC check codes" is performed for bits classified as the

31   first class, second process "convolution coding only" is

32   performed for bits classified as the second class, and

33   third process "no coding" is performed for bits classified

34   as the third class.